

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT <i>ENGINEERING AND COMPLIANCE</i> APPLICATION PROCESSING AND CALCULATIONS	PAGES	PAGE
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	486831	08/19/2008
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COMPANY NAME AND ADDRESS:

Los Angeles City, Department of Airports
Environmental Management Bureau
7301 World Way West, Room 312
Los Angeles, CA 90045-5803

EQUIPMENT LOCATION:

Ontario International Airport, Facility ID 36909
Ontario, CA 91761

BACKGROUND:

Due to constant demands and changes, the Los Angeles City, Department of Airports in Ontario (Ontario Airport) filed for revisions of their Title V permit which previously was issued on January 30, 2007 under application number 462047. On June 20, 2008, the applicant had filed application 484423 to revise his Title V permit to:

- Under application no. 484521, administratively change permit description to previous permit F7128 to revise equipment model and/or serial number.
- Under application no. 484522, administratively change permit description to previous permit F7130 to revise equipment model and/or serial number.
- Under application no. 484524, administratively change permit description to previous permit F7132 to revise equipment model and/or serial number.
- Under application no. 484525, administratively change permit description to previous permit F7134 to revise equipment model and/or serial number.
- Under application no. 484526, administratively change permit description to previous permit F48289 to revise equipment model and/or serial number.
- Under application no. 484527, administratively change permit description to previous permit F55174 to revise equipment model and/or serial number.
- Under application no. 484528, administratively change permit description to previous permit F75702 to revise equipment model and/or serial number.
- Under applications no. 484537 and 484538, install 2 emergency ICEs driving an electrical generator, diesel fueled in place of those engines issued with Permits to Construct 462063 and 462064.
- Under application no. 484529 and 48536, install 2 emergency ICEs driving an electrical generator, diesel fueled, at Terminals 2 and 4.

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- Under application no. 484539, change permit condition for a spray booth, previously under permit number F15720 to have a "bubble" condition limiting maximum VOC emission for the facility rather than from this equipment. Please note that **for NSR purposes only** permit F15720 used to be under ID 116529 which had been mistakenly un-included from ID 36909 when this Ontario facility became Title V facility. However, this equipment has been included in the Title V permit and been reviewed by EPA since the initial Title V permit was issued.

Subsequently on August 26, 2008, the applicant filed application 486831 to revise his Title V permit to:

- Under application no. 486832, modify the fuel storage and dispensing facility to install newly required phase II Enhanced Vapor Recovery (EVR) system.

To stream line the review processes, especially with EPA, the undersigned permit processing engineer has incorporated the Title V permit revisions under application 484423 into that with application 486831 and canceled application 484423.

After complete evaluations of each individual application, the following recommendations were made:

- Cancel application 484423, without refund fee.
- Inactivate Permits to Construct 462063 and 462064.
- Rejected applications 484529 and 484536, as requested by the applicant, with refund since no work was performed.
- For application 484521, correct model to 3508 DITA and revise serial number to 23Z06721 for engine previously under permit F7128.
- For application 484522, retain model 3512 DITA for engine previously under permit F7130.
- For application 484524, retain model 3508 DITA for engine previously under permit F7132.
- For application 484525, retain model 3512 DITA for engine previously under permit F7134.
- For application 484526, retain model 3406 DITA and list serial number to 1LS01327 for engine previously under permit F48289.
- For application 484527, list serial number 35068017 for engine previously under permit F55174.
- For application 484528, retain model 3456 DITA AA and list serial number to 3PG01840 for engine previously under permit F75702.
- For applications 484537 and 484538, permits to operate in place of 2 emergency engines previously under Permits to Construct 462063 and 462064.
- For application 484539, change condition to limit facility-wide VOC emissions to "no more than 667 pounds in any calendar month" to previous permit number F15720. Also merge ID 116329 into ID 36909.
- For application 486632, issue a permit to allow installing phase II enhance vapor recovery system.

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EMISSIONS CALCULATIONS:

Please see the individual evaluation for each device for details. The emissions from each device are summarized as follows:

Ref. A/N	<i>Emission Increase (lb/day)</i>				
	VOC	NOx	CO	SOx	PM10
462063	-0	-0	-0	-0	-0
462064	-0	-0	-0	-0	-0
484521	0	0	0	0	0
484522	0	0	0	0	0
484524	0	0	0	0	0
484525	0	0	0	0	0
484526	0	0	0	0	0
484527	0	0	0	0	0
484528	0	0	0	0	0
484537	0	0	0	0	0
484538	0	0	0	0	0
484539	+19 ¹	0	0	0	0
Total	19	0	0	0	0

¹ The facility currently has 3 lb VOC in its NSR. After merging ID 116529 into this ID (36909), with the facility-wide emission limit to no higher than 667 lb VOC in any one calendar month (22 lb a day average), the overall NSR of this facility shall be 22 lb VOC. NSR for application 484539 for recording purposes is 19 lb VOC. This emission change shall not be considered as part of accumulative emission increase in determining "Significant Permit Revision" as defined by Rule 3000.

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RULES EVALUATION:

This permit modification does not cause significant impacts on the environmental air. Compliance with Rules and Regulations of the SCAQMD for the subject equipment is expected.

Regulation II:

Rule 212: No public notice is required. Please see attached individual evaluation for details.

Regulation IV:

Rule 401: Based on similar equipment, this equipment is expected to be in compliance with this rule.

Rule 402: The equipment is not expected to emit odorous emissions.

Rule 404: Compliance with this rule is expected.

Rule 431.2: This equipment is required to utilize diesel containing 15 parts per million (ppm) or less by weight of sulfur. Compliance with this rule is expected.

Rule 461: The applicant filed for a modification of his Fuel Storage & Dispensing Facility to meet current mandate requirements. The proposal demonstrates that the modification is expected to meet the requirements.

Rule 1124: This rule is not applicable because this facility does not assemble or manufacturer aerospace parts.

Rule 1110.2: The engine is exempt from the requirements of this rule for being emergency equipment.

Reg. XIII: All proposed equipment is subject to and meets BACT requirements. The equipment meets the requirements of this regulation.

RULE 1401: The revision does not trigger the requirements of this rule.

RULE 1470: This facility has filed the reports and compliance plan required by this rule. Compliance is expected.

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Regulation XXX:

This facility (ID#36909) is included in Phase Two of the Title V universe. The revised Title V permit identified as A/N 443452 was issued on October 11, 2005. Therefore, the proposed equipment installation (A/Ns 462063 and 462064) shall only take effect after approval and issuance of the required Title V permit revision as stipulated in this regulation.

Rule 3000 (b)(6): The Title V expected permit revision caused by this equipment installation satisfies all the applicable conditions listed in this rule so, it constitutes a de minimis significant permit revision.

Rule 3003: The anticipated de minimis significant permit revision is expected to comply with all the applicable requirements in this rule, of special note are the sections listed below.

Section (i)(4): A permit revision may be issued after the permit revision application meets all the conditions in this rule.

Section (j)(1)(A): The EPA Administrator will timely receive the de minimis significant permit revision application whenever it becomes available to the Executive Officer.

Section (j)(1)(C): The EPA Administrator will timely receive the draft of the de minimis significant permit revision upon completion of District evaluation.

Section (j)(1)(D): The EPA Administrator will timely receive the final Title V permit upon issuance by the District.

Section (j)(4): The applicant and the EPA will be timely notified of any refusal to accept all recommendations for the draft permit.

Rule 3005 (e): Whenever applicable, the procedures for de minimis significant permit revision stated in this rule will be addressed in a proper and timely manner.

CONCLUSIONS / RECOMMENDATIONS:

Based on the analysis in this report, the equipment is expected to comply with the applicable Rules and Regulations of the SCAQMD, State and Federal Code Regulations.

For this reason, the above recommendations are to incorporate in the attached Section D of Draft Title V Facility Permit.